



# National Weather Service Twin Cities

## Confirmed Events from Friday, June 27

\*Note: These data are considered preliminary and subject to change\*



### Event Facts and Overview:

#### 1 confirmed tornado (EF1) in Colfax WI.

*A weak upper level disturbance produced showers and thunderstorms in western Wisconsin Friday afternoon (Fig 1). Two storms in particular moved along the warm front and developed rotation. One of these storms moved over the town of Colfax WI and produced a tornado. Radar imagery showed broad rotation near Colfax (Fig 2).*

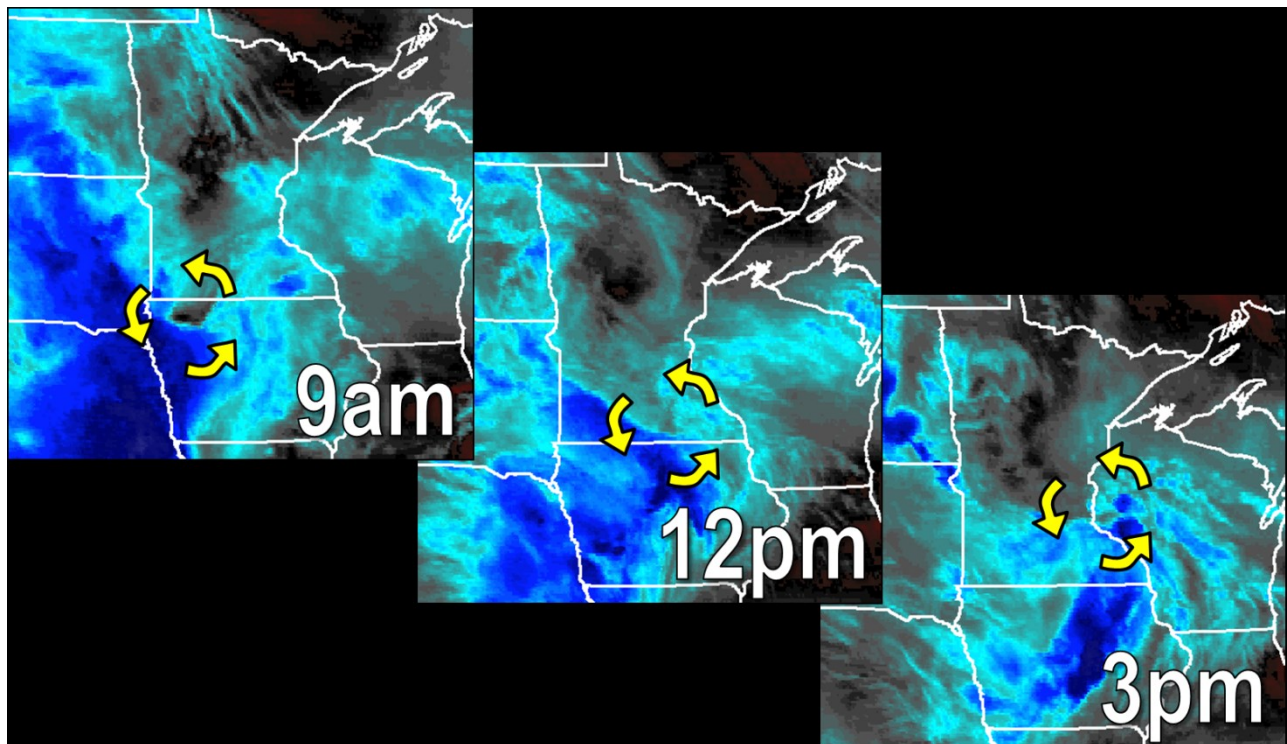


Figure 1: Satellite water vapor imagery from Friday, June 27. The upper level circulation is indicated by the yellow arrows. This circulation was the driving force behind the showers and thunderstorms that developed Friday afternoon.

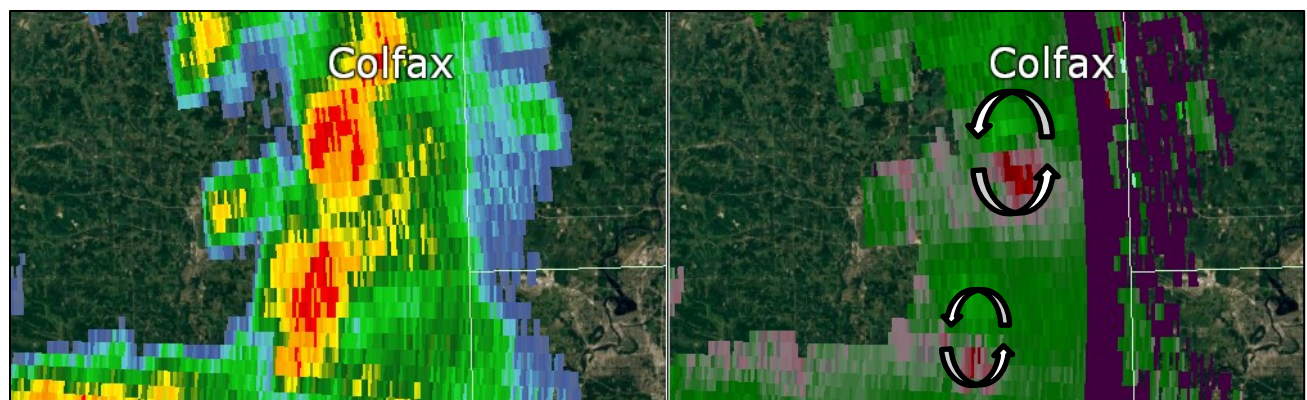
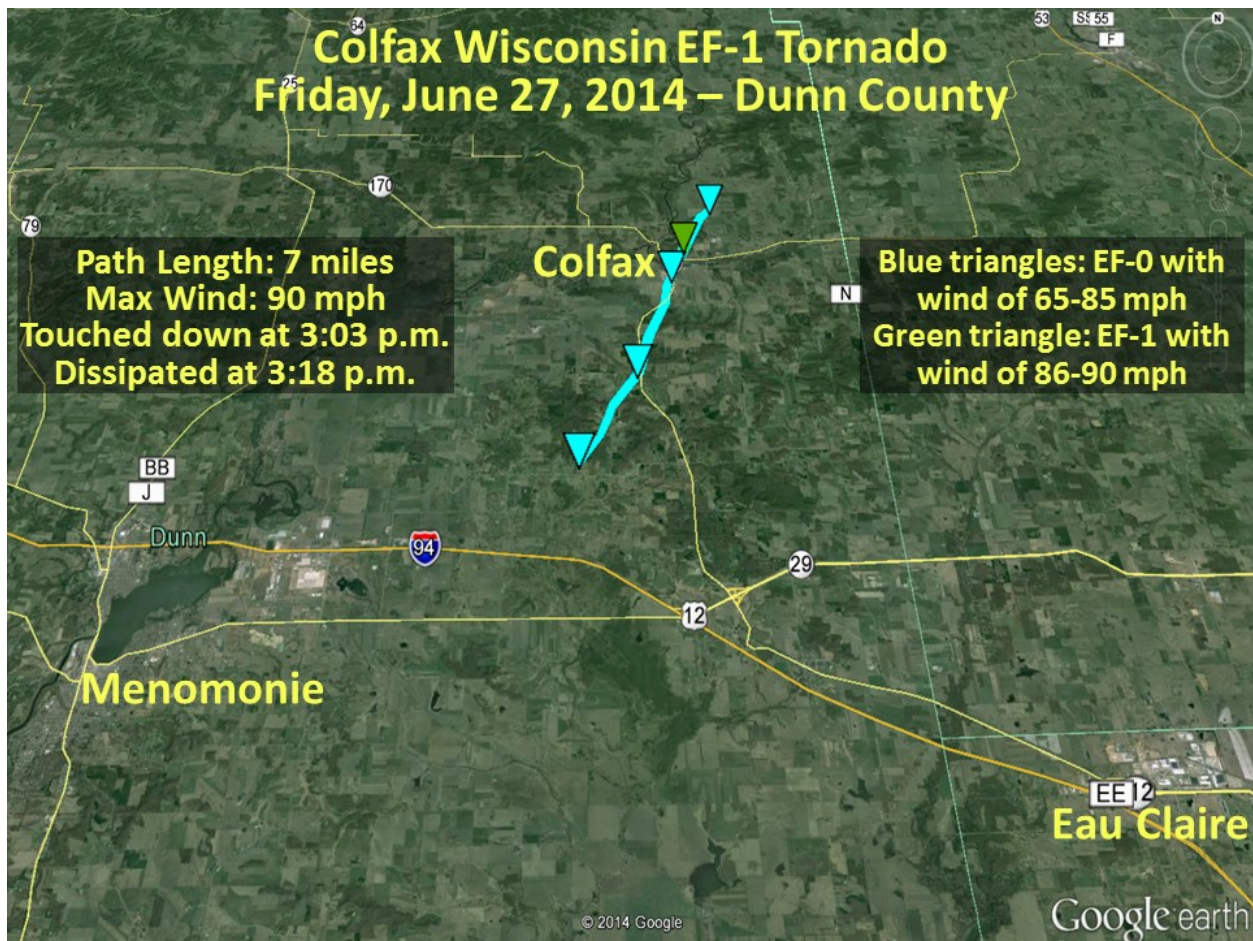


Figure 2: Radar image at 305pm showing the two storms as they approached Colfax WI. At this distance, the lowest radar scan approximately 8500 ft above ground level.

## Tornado 1:

Tornado Strength:	EF1
Approximate Time:	303 pm to 318 pm
Event Location:	Colfax WI
Peak Wind Speed:	Peak of 90 mph (mostly 65-85 mph)
Path Length:	7.0 miles
Maximum Path Width:	100 yards
Injuries:	No injuries
Fatalities:	No fatalities

## Map of Tornado Path:



*The image above shows the EF0 damage (cyan) and EF1 damage (green). Peak winds were around 90 mph.*

NOUS43 KMPX 032136  
PNSMPX  
MNZ041>045-047>070-073>078-082>085-091>093-WIZ014>016-023>028-  
041100-

PUBLIC INFORMATION STATEMENT  
NATIONAL WEATHER SERVICE TWIN CITIES/CHANHASSEN MN  
436 PM CDT THU JUL 3 2014

...NWS DAMAGE SURVEY FOR 06/27/14 TORNADO EVENT...  
...COLFAX WISCONSIN TORNADO...

DAMAGE IN COLFAX WAS SURVEYED ON JUNE 28. ADDITIONAL REPORTS  
OF DAMAGE WERE PROVIDED OVER THE WEEKEND...AND THEREFORE DAMAGE  
SOUTH AND SOUTHWEST OF COLFAX WAS SURVEYED ON JULY 1. THE RATING  
REMAINS AT EF-1 BUT THE PATH LENGTH HAS BEEN INCREASED TO SEVEN  
MILES.

.COLFAX TORNADO...

RATING: EF-1  
ESTIMATED PEAK WIND: 90 MPH  
PATH LENGTH /STATUTE/: 7.0 MILES  
PATH WIDTH /MAXIMUM/: 100 YARDS  
FATALITIES: 0  
INJURIES: 0

START DATE: JUNE 27 2014  
START TIME: 3:03 PM CDT  
START LOCATION: 5.5 SSW COLFAX / DUNN COUNTY /WI  
START LAT/LON: 44.9294 / -91.7668

END DATE: JUNE 27 2014  
END TIME: 3:18 PM CDT  
END LOCATION: 1.5 NNE COLFAX / DUNN COUNTY /WI  
END LAT/LON: 45.0224 / -91.7091

MOST DAMAGE WAS RATED EF-0 WITH WINDS UP TO 85 MPH...BUT THE  
TORNADO DID BRIEFLY STRENGTHEN TO EF-1 ON THE NORTHEAST SIDE  
OF COLFAX...AT THE SCHOOL WHERE A SHED WAS DESTROYED AND TWO  
HVAC UNITS WERE BLOWN OFF THE ROOF. THIS IS WHERE THE WINDS  
MAY HAVE REACHED 90 MPH. THE TORNADO WAS OFTEN LESS THAN 25  
YARDS WIDE BUT IT DID WIDEN TO A MAXIMUM OF 100 YARDS AT  
COLFAX.

EF SCALE: THE ENHANCED FUJITA SCALE CLASSIFIES TORNADOES INTO  
THE FOLLOWING CATEGORIES.

EF0...WEAK.....65 TO 85 MPH  
EF1...WEAK.....86 TO 110 MPH  
EF2...STRONG....111 TO 135 MPH  
EF3...STRONG....136 TO 165 MPH  
EF4...VIOLENT...166 TO 200 MPH  
EF5...VIOLENT...>200 MPH

NOTE:  
THE INFORMATION IN THIS STATEMENT IS PRELIMINARY AND SUBJECT TO  
CHANGE PENDING FINAL REVIEW OF THE EVENT AND PUBLICATION IN  
NWS STORM DATA.

\$\$